Department of Metallurgical Engineering and Materials Science **IIT BOMBAY, POWAI , MUMBAI 400076** Requisition Form for the use of X – Ray Diffractometer

External Registration No._____

Date: /   /

Name of the User   : _____

Name of Organisation   :_____

No. Of Samples   :_____

Nature of Samples   : Hygroscopic / Oxidisable / Poisonous / None of these.

Sample Identification Code :_____

_____

Sample Details   :_____

_____

Scanning Range (2θ)   :_____

Special Requirements if any:_____

Contact No. and E – mail   :_____

GIVEN MATERIALS IS NOT POISONOUS SO NOT TAKE EXTRA PRECAUTION.

Signature of the User   :_____

- For Powder XRD, samples should be submitted in the form of **fine powder** (preferably less than 20μm) to completely fill the rectangular cavity of the sample holder of dimension of Vol. 0.6cm³ i.e. l = 2, b = 1.5, h = 0.2 cm.
  For pallet samples, the sample should have dia. at most 1.5 cm and height 0.6cm.

While receiving the results: -

Received samples and results.   **Name of the Operator: -**

Signature of the User: -

Date: -